

AMENDMENTS TO THE SPECIFICATION

a) Please amend the paragraph beginning on the last line of page 4 and ending on the third line of page 6 as follows:

Also, the method for managing the mobile communication network in the IMT-2000 system by means of the TMN when the state information is generated from the sub blocks within the base stations or the control stations, the method comprises the steps of: determining, in the local TMN repeater within each of control stations, whether or not the state information, such as configuration, fault, performance, statistics, etc., is generated from the base stations managed thereby (S1-1); determining, in the local TMN repeater within each of control stations, whether or not the state information, such as configuration, fault, performance, statistics, etc., is generated from the sub blocks within the control stations thereof, if the state information, such as configuration, fault, performance, statistics, etc. ~~does not generate~~ is not generated from the base stations managed thereby (S1-2); transferring, in the local TMN repeater, the state information to the TMN repeater within the BSM if the state information, such as configuration, fault, performance, statistics, etc., is generated from the sub blocks within the control stations, while the S1-1 is re-proceeded with if the state information, such as configuration, fault, performance, statistics, etc., ~~does not generate~~ is not generated from the sub blocks within the control stations in the 51-2 (S1-3); transferring, in the TMN repeater within the BSM, the state information received from the local TMN repeater within the pertinent control station to the TMN network management center (S1-4); and managing, in the TMN

network management center, the pertinent control station by means of the TMN method after receiving the state information of the sub blocks within the particular control station transmitted from the TMN repeater within the BSM (S1-5).

b) Please amend the first paragraph of page 14 as follows:

If the state information, i.e., configuration, fault, performance, statistics, etc., ~~does not generate~~ is not generated from the plurality of base stations 400 managed thereby in the S1-1, the local TMN repeater 301 within each of control stations 5 300 determines whether or not the state information, i.e., configuration, fault, performance, statistics, etc., is generated from the sub blocks 302 within the control stations 300 thereof (S1-2). Here, the local TMN repeater 301 within each of control stations 300 uses the pertinent TMN MO 10 classes as shown in Fig. 2 to grasp the state information concerning the sub blocks 302 inside thereof, and then transfers the TMN MO classes to a TOP MO to collect the state information as to the plurality of sub blocks 302.

c) Please amend final paragraph of page 1 that extends to page 2, line 3 as follows:

In the meantime, the aforementioned TMN is applicable to 25 a mobile communication network as a standardized network management method recommended by the International Telecommunication Union (ITU-T) M.3010. In this instant, the TMN defines and manages each component comprised in the mobile communication network

as a ~~MO~~ Managed Object (MO) by analyzing the same in an object-oriented point of view.

d) Please amend the first full paragraph of page 10, beginning on line 6, as follows:

The TMN network management center 100 manages a state information, i.e., configuration, fault, performance, statistics, etc., of sub blocks 202, 302, 402 installed within the BSM 200, the plurality of control stations 300, 10 the plurality of base stations 400 by means of the TMN method, and simultaneously transfers a common management information service element (CMISE) service executive instruction, viz, sub block state information collection command, sub block reset command, MO generation command and MO erase command, 15 recommended by the International Telecommunication Union (ITU-T), to the ~~TMN repeater 301~~ TMN repeater 201 within the BSM 200.

e) Please amend the final paragraph of page 13, beginning on line 23, as follows:

Initially, the local TMN repeater 301 within each of ~~base stations~~ control stations 300 determines whether or not the state 25 information, i.e., configuration, fault, performance, statistics, etc., is generated from the base stations managed thereby (SI-1).

f) Please amend the final paragraph of page 13, beginning on line 23, should be amended as follows:

If the state information, i.e., configuration, fault, 15 performance, statistics, etc., does not is generated from the sub blocks 302 within the control stations 300 in the 51-2, the S1-1 is re-proceeded with. Alternatively, if the state information, i.e., configuration, fault, performance, statistics, etc., is generated from the sub blocks 302 within 20 the control stations 300, the local ~~TMN repeater 302~~ TMN repeater 301 transfers the state information to the TMN repeater 201 within the base station manager (BSM) 200 (SI-3).